

PI	JP 2000273319	A2	20001003	JP 1999-85654	19990329	
	JP 2005206846	A2	20050804	JP 2005-113261	20050411	
PRAI	JP 1999-85654	A3	19990329			
AB	Synthetic resins having (1) carbonyl, carboxyl, phenolic OH, and/or sulfonic acid groups and (2) (un)substituted amino or N-containing heterocyclic groups form hydrogen bonds at least intermolecularly via the atomic groups, thus forming pseudocrosslinking structure. The pseudocrosslinked resins can exhibit contrary properties, such as high Tg and toughness. Me methacrylate 54.3, Bu acrylate 37.5, vinylpyridine 4.9, and acrylic acid 3.3 g were polymerized in PhMe in presence of lauroyl peroxide to give a polymer, which was dissolved in PhMe, applied on a glass sheet, and dried to form a film showing Tg 60°, total light transmittance 80%, tensile strength 93 MPa, and good bending processability.					
IC	ICM C08L101-02					
	ICS C08F212-08; C08F220-02; C08F246-00; C08G081-00; C08J005-00; C08L025-08; C08L033-00; C08L045-00; C08L061-06; C08L063-00; C08L067-06; C08L079-08					
CC	37-6 (Plastics Manufacture and Processing)					
ST	vinylpyridine acrylic acid polymer pseudocrosslink					
IT	Polyesters, uses					
	RL: RCT (Reactant); TEM (Technical or engineered material use); RACT (Reactant or reagent); USES (Uses) (aromatic, liquid-crystalline; pseudocrosslinked resins having contrary properties)					
IT	Polyamides, preparation					
	RL: IMF (Industrial manufacture); PRP (Properties); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses) (aromatic; pseudocrosslinked resins having contrary properties)					
IT	Polyesters, preparation					
	Polyesters, preparation					
	Polysulfones, preparation					
	Polysulfones, preparation					
	RL: IMF (Industrial manufacture); PRP (Properties); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses) (polyamide-, aromatic; pseudocrosslinked resins having contrary properties)					
IT	Polyamides, preparation					
	Polyamides, preparation					
	RL: IMF (Industrial manufacture); PRP (Properties); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses) (polyester-, aromatic; pseudocrosslinked resins having contrary properties)					
IT	Polysulfones, preparation					
	Polysulfones, preparation					
	RL: IMF (Industrial manufacture); PRP (Properties); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses) (polyimide-; pseudocrosslinked resins having contrary properties)					
IT	Polyamides, preparation					
	Polyamides, preparation					
	RL: IMF (Industrial manufacture); PRP (Properties); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses) (polysulfone-, aromatic; pseudocrosslinked resins having contrary properties)					
IT	Polyimides, preparation					
	Polyimides, preparation					
	RL: IMF (Industrial manufacture); PRP (Properties); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses) (polysulfone-; pseudocrosslinked resins having contrary properties)					
IT	Gelation					
	Hydrogen bond					
	Liquid crystals, polymeric					
	Plastic films (pseudocrosslinked resins having contrary properties)					
IT	Phenolic resins, preparation					
	Polyalkenamers					
	RL: IMF (Industrial manufacture); PRP (Properties); RCT (Reactant); TEM (Technical or engineered material use); PREP (Preparation); RACT (Reactant or reagent); USES (Uses) (pseudocrosslinked resins having contrary properties)					
IT	Epoxy resins, uses					
	RL: RCT (Reactant); TEM (Technical or engineered material use); RACT (Reactant or reagent); USES (Uses) (pseudocrosslinked resins having contrary properties)					
IT	Polyesters, uses					